

APARTMENT & CONDOMINIUM RECYCLING

Gearing Up for Change

Unincorporated San Diego County



Today's Subjects

- ✦ Why Now?
- ✦ County Assistance
- ✦ Best Management Practices
- ✦ Enforcement
- ✦ Hauler Concerns



Why Now?

★ State Mandates

- ★ 50% Diversion- No business or resident is exempt

★ County Ordinances

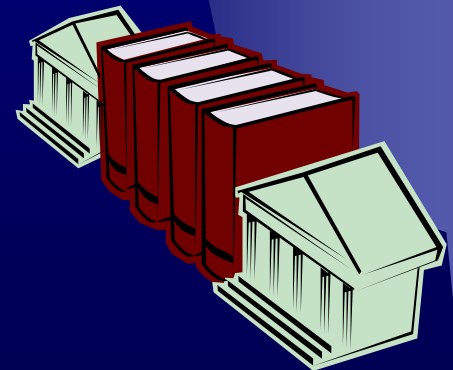
- ★ Separation of recyclable materials
- ★ Space allocation

★ Participation

- ★ Hauler Commercial Recycling Rate 4%

★ Benefits

- ★ Potential to save \$\$\$
- ★ Increased economic activity



County Ordinances

★ Solid Waste Ordinance – Condos & Apts, 4 Units & Up

- ★ Separated storage
- ★ Designated materials

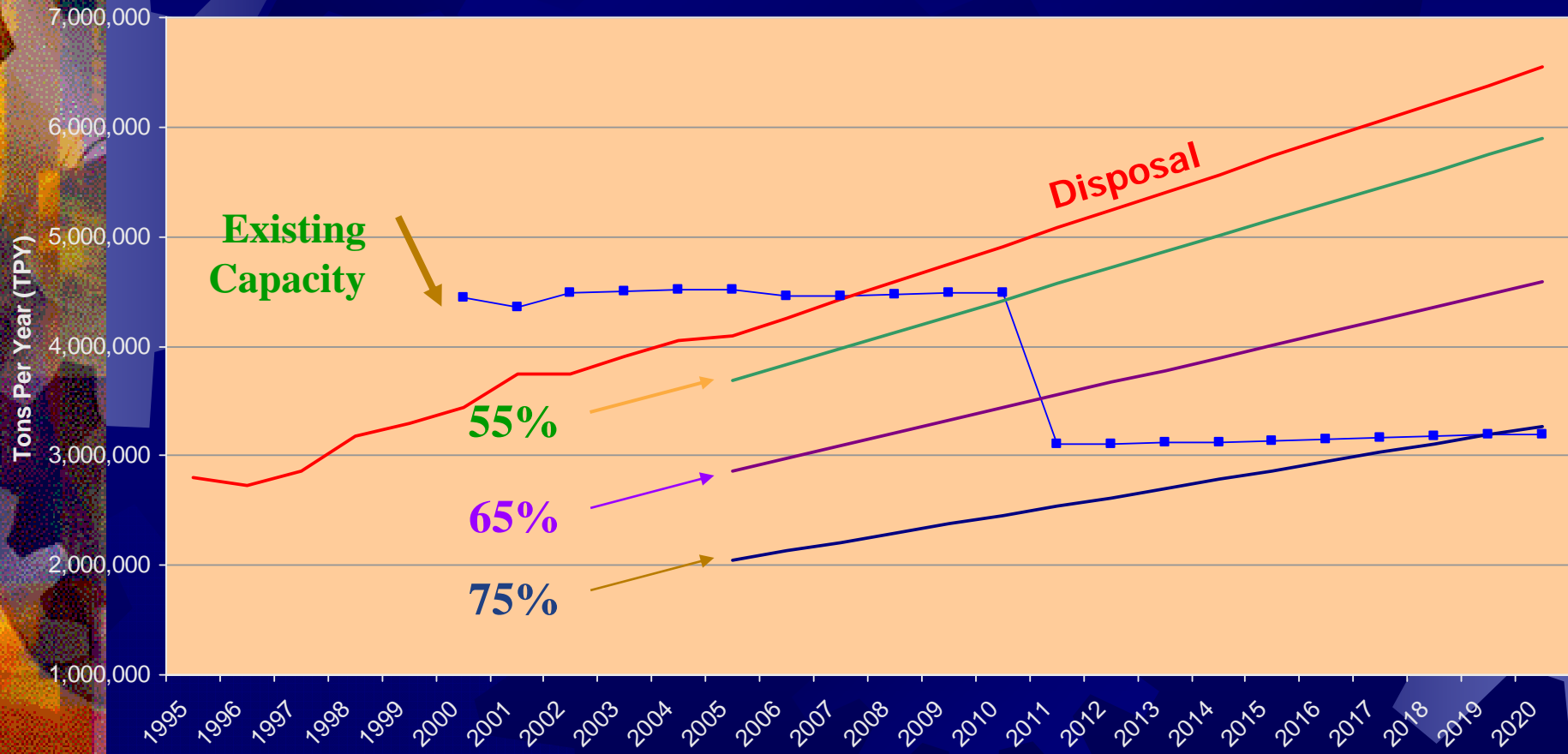
- Newspaper
- Cardboard
- Mixed paper
- Glass bottles & jars
- Plastic drink bottles
- Aluminum cans
- Steel & bi-metal cans
- Green waste
- Appliances

★ Space Ordinance

- ★ Equal space (50%)
- ★ Equal convenience
- ★ Signs on enclosures



County Landfill & Trash Projection



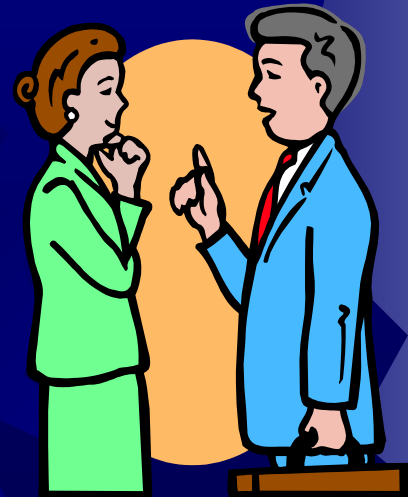
County Program

☀ Assistance

- ☀ Recommendations
- ☀ Promotional brochures & equipment
- ☀ Surveys
- ☀ Troubleshooting

☀ Enforcement

- ☀ Warning
- ☀ Administrative citations



Focus

Assistance and enforcement are targeted first to:

- Larger complexes
- Complexes with large enough dumpster enclosures
- Community where County staff or subcontractor is focused
- Exceptions:
 - Requests will be facilitated when possible
 - Economies of location, e.g. smaller but nearby complexes

Assistance Overview

- ✴ Talk to County Staff about requirements
- ✴ Service-design team
 - Complex manager, maintenance staff, residents
 - Private hauler(s)
 - County staff
- ✴ Contract collection service
- ✴ Install bins & signs
- ✴ Hand-out fliers & bags to residents
- ✴ Kick off
- ✴ Monitor program



Best Management Practices

☀ Arrange services

☀ Recycling

- Install bins and signs
- Confirm start date, collection days
- Lease agreement
- Distribute materials
- Reminders in notices/newsletters

☀ Re-usable items

- Confirm service provider
- Install shed

☀ Off-site collections

- ☀ Green materials
 - Landscapers remove
- ☀ Hazardous waste
 - CESQG
- ☀ Universal waste
 - Mercury switches
 - Fluorescent bulbs
 - Batteries
 - Motor oil
- ☀ Electronics
- ☀ Tires



Best Management Practices – continued


- ★ Recruit residents to help
 - Distribute materials
 - Fliers
 - Apartment bags
 - Other ways to help
 - Monitor bins
 - Help new residents
 - Reinforce education
- ★ Kick off
- ★ Monitor
 - Adjust as needed



Equipment & Brochures

- Apartment bags
- Storage
- County Fliers (supplementary to hauler flier)





County of San Diego
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JOHN L. SNYDER
DIRECTOR

Dear _____ Resident:

You now have 2 additional (blue) recycling carts!

- Blue Oak Ct. enclosure
- Charwood Ct. enclosure (near Ranchwood)



WHY RECYCLE at _____ ?

- 1. Recycling is the Law!**
County ordinance requires residents to separate (for recycling) the following materials from their trash: aluminum cans, steel ("tin") cans, plastic drink bottles, glass bottles and jars, and newspaper. Your hauler recycles other materials too; see the attached flyer for a list. For large cardboard boxes, please use the big recycling dumpster in the swimming pool enclosure instead of the blue carts.
- 2. Recycling saves Energy!**
New products made from your recycling take far less energy to make.
- 3. Recycling reduces Pollution!**
New products from recycling cause far less water, air and landfill pollution.
- 4. Recycling makes Economic Sense!**
Savings on your Ranchwood trash bill are possible. Recycling also creates local jobs.

TIPS FOR _____

- **Reusables** — Many of you leave useful items next to trash dumpsters. Good idea to see if someone will take them, BUT let's organize a better way. It is extra work for Manny, your maintenance leader, and it has already been blocking the new recycling bins. Please drop off your reusables at a Goodwill, Salvation Army or other donation bin until we find a better way to collect these items at Ranchwood.
- **The blue recycling bags** — There are screw holes for hanging it inside a cupboard door, or you can put it in a closet. Here's a tip...put newspaper on the bottom to catch drips from bottles and cans. If you don't plan to use the blue bags, please place them on the ground in a trash enclosure soon. County staff will collect them.

Have recycling questions?

- Start with your County Recycling Hotline — 1-877-R-1-EARTH (877-713-2784). A live operator will give you recycling locations and will mail County recycling brochures.
- Have a harder question? Try the County recycling staff at 858-874-4020.

Let's "Recycle Right" at _____ !

Collection Services

- ★ Single-stream recycling
 - ★ Allows all Designated Recyclables
- ★ Special lids
- ★ Lock bar
 - ★ Discourages scavengers
- ★ Green waste
 - ★ Separate bin



Signs to be installed

☀ Required by ordinance



REFUSE & RECYCLING AREA **AREA DE BASURA Y RECICLAJE**

RECYCLABLES MUST BE SEPARATED FROM TRASH
Estos artículos reciclables se deben mantener separados de la basura común

● **Cardboard Boxes - Flattened!**

Cajas de cartón - Aplanadas

● **Newspaper**

Periódicos

● **Mixed Paper - No tissues or dirty food boxes**

Papel mixto - No se recicla pañuelos desechables ni cajas de alimentos sucias

● **Glass Bottles & Jars**

Botellas y frascos de vidrio

● **Aluminum Cans**

Latas de aluminio

● **Steel/Tin Cans**

Latas de acero y estaño

● **Plastic Beverage/Soap Bottles - No plastic bags, cups, plates, tubs/trays**

Botellas de plástico de bebidas o jabón - No se recicla bolsas/vasos/platos/recipientes/bandejas de plástico
COUNTY ORDINANCE SEC. 68.570

NO UNAUTHORIZED SCAVENGING — SE PROHIBE HURGAR EN LA BASURA
COUNTY ORDINANCE SEC. 68.506 — See the complex management for permission

NO HAZARDOUS ITEMS IN TRASH OR RECYCLING BINS

Se prohíbe tirar artículos o materiales peligrosos en los recipientes para basura y reciclables

Want to know what to do with hazardous waste and large appliances? Call 1-877-R-1-EARTH
¿Quiere saber qué hace con los desechos peligrosos y los aparatos grandes? Llame 1-877-R-1-EARTH

No Oil, Paint, Poisons, Syringes, Batteries, Chemicals, Controlled Medications, Fluorescent Lamps and Tubes, Non-Empty Aerosol Cans that Contain Hazardous Material, Mercury-Containing Devices including Thermometers and Thermostats, Televisions, Computer Monitors and Processing Units, Wireless Phones, Radios, Microwaves, Other Electronic Devices, Explosives, Flammables, Corrosives, or Similar Substances

No Deseche Aceite, Pintura, Venenos, Jeringas, Pilas y Baterías, Substancias Químicas, Medicinas y Substancias Controladas, Tubos y Bombillas Fluorescentes, Latas de Aerosol que Contengan Materiales Peligrosos, Dispositivos que Contengan Mercurio como Termómetros y Termostatos, Televisores, Monitores y Unidades Procesadoras de Computadoras, Teléfonos Celulares, Radios, Hornos Microondas, Otros Aparatos Electrónicos, Explosivos, Materiales Inflamables o Corrosivos, ni Substancias de Cualquier Otro Peligro

COUNTY ORDINANCE SEC. 68.503



Questions? ¿Preguntas?

1-877-R-1-EARTH

County of San Diego Recycling Hotline

Funded by the California Department of Conservation and the County of San Diego



NO PARKING — NO ESTACIONARSE

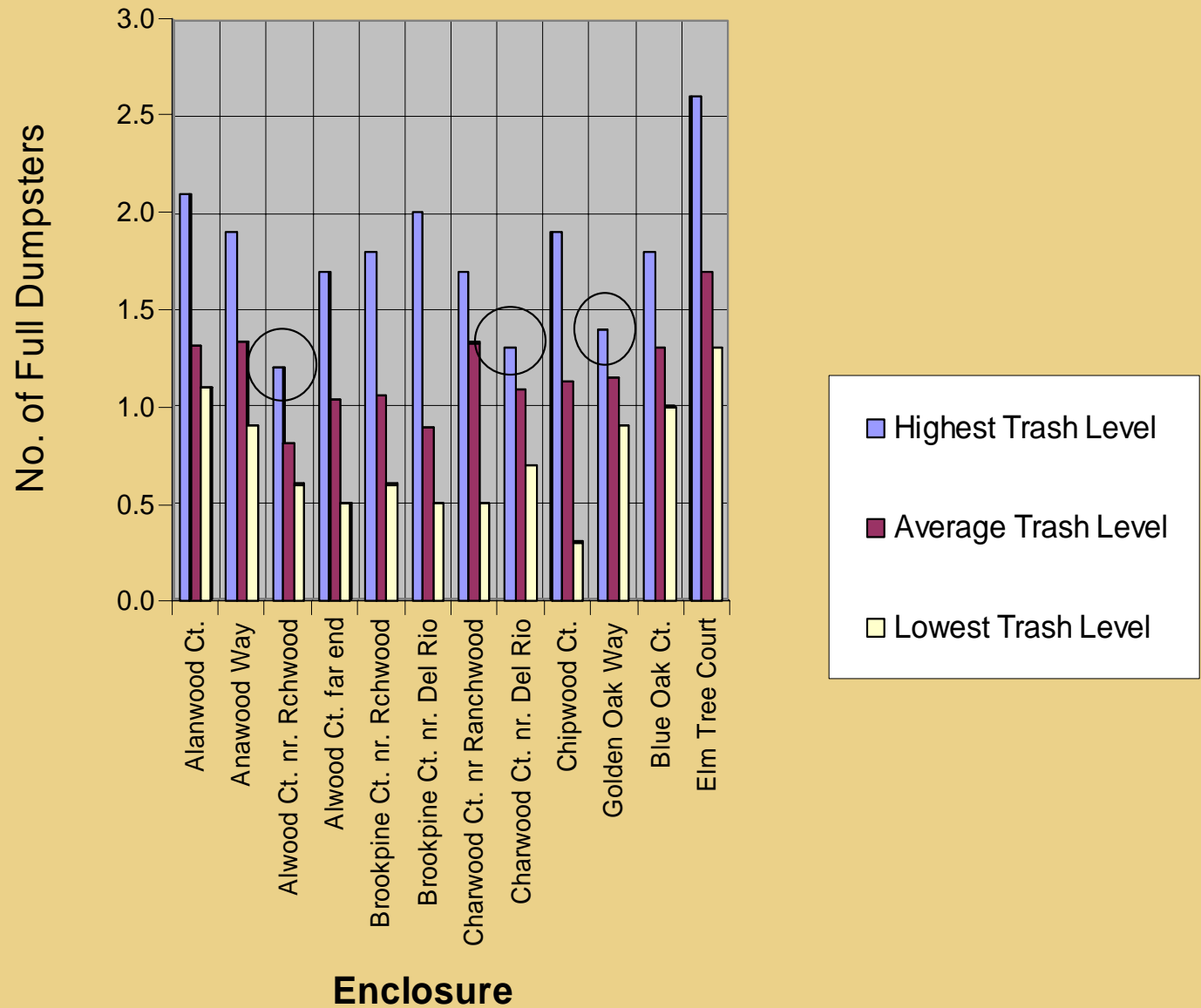
Re-usable items

- ★ Why deal with reusable items?
 - Clean up required anyway
 - Discourage scavenging
 - May lower trash costs
- ★ Solution
 - Shed near main dumpster with combination lock
 - Residents given combination in hauler flier
 - Call Am Vets, etc. when full
 - Discard remainder conveniently



[illegible]

CONDOS
Post-Recycling Trash Levels
April 29 to May 31, 2006



Benefits of BMPs

☀ Direct Benefits

- ☀ According to our model, complexes that use 3 yd recycle bins will reduce costs.
- ☀ Increase community spirit
 - Reduce clean up
 - Scavenging is discouraged
- ☀ Attract new residents

☀ Peripheral Benefits

- ☀ Increase local business activity
 - Retain economic value
 - Jobs
- ☀ Lower long-term landfill costs
- ☀ Less pollution



Enforcement

★ Non-compliance

- ★ Inspections
- ★ Ordinance review with responsible parties
- ★ Warning letter
- ★ Warning citation
- ★ Citation(s) \$100 to \$500
 - Can be more than one
 - Appeals - Mediation service



Hauler Concern #1

☀ “Will the County work with the haulers providing service to M-F complexes?”

☀ Solutions

- County worked with WMI & EDCO to develop recycling model complexes
- County offered specialized dumpster lids
- County asked all haulers for feedback on enclosure signs & M-F program approach

Hauler Concern #2

★ “Too much contamination with Multi-Family.”

★ Solutions

- Specialized lids
- Lock bars
- Signage
- Education
 - Hauler & County fliers at kick-off
 - Apartment bags w/ material list
 - Hauler 6-month reminders
 - Block leaders
- Monitoring

Hauler Concern #3

☀ “Many enclosures don’t have enough space.”

☀ Solutions

- County targets complexes with adequate enclosure space first
- County now checks construction plans for recycling space in multi-family new construction, & remodeling

Hauler Concern #4

- ★ “Is multi-family recycling effective use of public funds for the amount of material diverted?”
- ★ Solutions
 - Added cardboard & mixed paper to designated recyclables for multi-family
 - Add lock bars to deter scavenging
 - Potential diversion from Phase One complexes (over 61 units) is about 6,000 tons annually.
 - Preliminary results indicate a favorable cost benefit ratio to 50% recycling in Phase One complexes.
 - Annual cost per ton decreases as complexes are added.

Hauler Concern #5

☀ “Blanket requirements don’t work.”

☀ Solution

- ☀ Targeted assistance & enforcement

- Larger complexes first

- Community-by-community assistance and enforcement

- Complexes with larger enclosures first

- ☀ Small complexes & small enclosures are years from enforcement

Summary & Final Points

- ★ Recycling at MF Complexes required
- ★ County offers free assistance and equipment, tailored to each complex
- ★ Assistance, or time to implement a planned program, always precedes enforcement

★ Benefits:

- ★ Complex
- ★ County
- ★ Local economy
- ★ Environment

